BRUHATH BENGALURU MAHANAGARA PALIKE

Yelahanka Division, Yelahanka Zone

Executive Engineeer
Yelahanka Division
B.B.M.P. Bengaluru - 64

NO:BBMP/EE/YNK.D/EPMT-01/2020-21 Dt:02-5-2020

APPROVED TENDER SCHEDULE –'B'

Item 14

Name of Work :-Asphalting to road from BBMP revenue office towards Down bazar road upto N H in Ward no-01 Kempegowda of Yelahanka sub division

Sl	Description	Unit	Approved Qty	Rate quoted by the contractor approved rates Sri R RANGANATH ( )	
				Rate	Rate in Words
1	KSRRB M300-14: Excavation for roadwork in all types of soil by Mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, graded and cross sections, and transportation with a lead of 1.00 km and complete as per specifications. MORTH Specification No.301. (P. No-143, I. No-19.14)	Cum	88.66	250.00	Two Hundred Fifty Only
2	KSRRB M300-19: Removal of unserviceable soil including excavation, loading replacement by suitable soil which shall be paid separately as per clause 300.5 complete as per specification No.301KBS (page No.144. item NO.19.21)	Cum	191.70	75.00	SeventyFive Only
3	Removing & Refixing of stone slabs of drains and pointing in C.M (1:3) (Page No. 27. Item No. 5.33)	Sqm	575.10	2126.00	Two Thousand One Hundred TwentySix Only
4	Providing and Fixing pre cast covering slab made of Cement Concrete 1:2:4 with 10cm thick and Finishing cutting, including form work, cost of all materials, labour, hire charges of Chinnery, loading, unloading, laid and lift, transportation etc., complete (Data Rate)	Sqm	63.90	393.00	Three Hundred NinetyThree Only

	onstruction of granular sub-base Grading / as Sub-Base and drainage layer by providing coarse graded crushed stone aggregates of granite/trap/basalt material, mixing by mix in place method by rotavator at OMC, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98% proctor density, complete as per specifications. Clause 401 of MORTH V Revision. (Page No. 153. Item No.20.6)	Cum	44.33		
6	KSRRB M400-17: Providing, Laying, Spreading and Compacting crushed stone aggregates of granite/ trap/ Basalt to wet mix macadam specifications including premixing the material with water at OMC in Mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406. (Page No. 155. Item No. 20.18)	Cum	44.33		
7	KSRRB M500-6: Providing and Supplying primer coat with S.S bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg /sqm using mechanical means complete as per specifications Clause 502 of MORTH Clause 502 of MORTH V revision (P.No-158, Item No. 21.6).	Sqm	295.52		
8	KSRRB 500-2: Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per Specifications. MORTH specification Clause 501. (Page No. 158. Item No. 21.2)	Sqm	3195.00		

	KSRRB M500-17: Providing and laying Dense Graded Bituminous Macadam using crushed aggregates of crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete in all respects complete as per specifications. MORTH Specification No,507. Using 100/120 TPH capacity HMP with sensor paver Gr-11 (50mm to 75mm) with 4.5% VG-30 Bitumen (Page No. 160)	Cum	159.75		
10	KSRRB 500-7: Providing and applying tack coat using 80/100 grade bitumen (VG10) on the prepared black topped surfaces at 0.25kg per sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Chapter 5 (Page No. 158. Item No. 21.7)	Sqm	3195.00		
11	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision as per IRC SP-53-2015. Do- using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4% of modified bituminous binder consisting of 4.97% of VG-30 Bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic) (Page No. 171. Item NO.21.78.12)	Cum	127.80		

	Providing and fixing of retro reflectorized cautionary, and mandatory and informatory sign as per IRC-67 made of high intensity grade sheeting vide Clause 801.3, fixed over aluminium sheeting, 1.5mm thick supported on a mild steel angle iron post 75mm X 75mm X 6mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 45cm X 45cm X 60cm below ground level as per approved.	Nos	356.00		
13	KSRRB M800-4: Direction and Place identification Signs / Project information Board with size more than 0.9 sqm size Board:- Providing and erecting direction and place identification retro reflectorized sign as per IRC:67 made of high intensity grade sheeting vide Clause 801.3, fixed over aluminium sheeting, 2mm thick with area not exceeding 0.9 sqm supported on a mild steel single angle iron post 75 X 75 X 6mm, 2Nos firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 45 X 45 X 60.	Sqm	2.00		
14	KSRRB M800-13: Road marking with Hot Applied 'Thermoplastic' Compound with Reflectorizing Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorizing glass beads at 250gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35.The Finished surface to be level , Uniform and free from streaks and holes complete as per Specifications. MORTH Specification NO.803 (P. No-182, I. No-24.15)	Sqm	130.20		

Signature of the Contractor

Executive Engineer,
Yelahanka Division,
BBMP, Bengaluru-64.